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Federal Agencies

August 11, 2003

WRITER'S DIRECT NUMBER: (202) 772-8641 INTERNET ADDRESS: HCARLSON@SKGF.COM

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Utility Patent Application

Appl. No. 09/245,025; Filed: February 5, 1999

Compositions of Reverse Transcriptases and Mutants Thereof

Inventors:

GERARD et al.

Our Ref:

0942.4330003/RWE/HCC

Art Unit:

1652

Sir:

Transmitted herewith for appropriate action are the ronowing documents.

1. Fee Transmittal Form (PTO/SB/17);

2. Petition For Extension of Time Under 37 C.F.R. § 1.136(a)(1);

3. Amendment and Reply Under 37 C.F.R. § 1.116 with attachments; TECH CENTER 1600/2900

5. An executed Certificate Under C.F.R. § 3.73(b);

6. PTO Credit Card Form in the amount of \$110.00 to cover the one month Extension of Time fee; and

7. One return postcard.

Commissioner for Patents August 11, 2003 Page 2

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

Chilenellador-

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Helene C. Carlson

Agent for Applicants

Registration No. 47,473

RWE/HCC/eaf Enclosures

SKGF_DC1:165045.1

MAY. 22. 2003

Certificate Under 37 C.F.R. § 3.73(b)

Applicant/Patent Owner: Gerard et al.	- -
Application No./Patent No.: 09/245,025 Filed/Issue Date: February 5, 1999	<u>_</u>
Entitled: Compositions of Reverse Transcriptases and Mutants Thereof	
Invitragen Corporation , a corporation (Name of Assignee) , a corporation, partnership, university, government agency, etc.)	
states that it is:	ECEIVED UG 1 4 2003 ENTER 1600/2900
1. [X] the assignee of the entire right, title, and interest, or	UG 1 4 2000
2. [] an assignee of an undivided part interest	NTER 1600/2000
• **	
A. [] An Assignment from the inventor(s) of the patent application/patent identified above. The assignment vectorded in the Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.	vas
OR	
B. [X] A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:	
1. From: Gary F. Gerard, Michael D. Smith and Deb K. Chatteriee To: Life Technologies, Inc. The document was recorded in the Patent and Trademark Office at Reel 9353, Frame 0181, or for which a copy thereof is attached.	
2. From: Life Technologies, Inc. To: Invitrogen Corporation The document was recorded in the Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.	
3. From: The document was recorded in the Patent and Trademark Office at	
Reel, Frame, or for which a copy thereof is attached.	
[] Additional documents in the chain of title are listed on a supplemental sheet.	
[X] Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]	
The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.	
Signature:	
Name: Alan W. Hammond	
Title: Chief Intellectual Property Counsel	
Date: 11ay 27, 2003	/
\$KGP_DC1:125V24.1	

Complete if Known

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WARNING: Information on this form may become public. Credit card Information should not be included on this form. Provide credit card Information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this formand/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, O.P. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, 150 Co

AUG 1 1 2003 W

I THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

GERARD et al.

Appl. No. 09/245,025

Filed: February 5, 1999

For:

Compositions of Reverse

Transcriptases and Mutants

Thereof

Confirmation No.: 4443

Art Unit:

1652

Examiner:

Nashed, N. T.

Atty. Docket: 0942.4330003/RWE/HCC

Attn: Box AF

Amendment and Reply Under 37 C.F.R. § 1.116

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Commissioner for Patents Washington, D.C. 20231

Sir:

In reply to the Office Action dated **November 19, 2002**, (PTO Prosecution File Wrapper Paper No. 26), Applicants submit the following Amendment and Remarks. This Amendment is provided in the following format:

- (A) A clean version of each replacement paragraph/section/claim along with clear instructions for entry;
- (B) Starting on a separate page, appropriate remarks and arguments. 37 C.F.R.
- § 1.121 and MPEP 714; and
- (C) Starting on a separate page, a marked-up version entitled: "Version with markings to show changes made."

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper.

However, if additional extensions of time are necessary to prevent abandonment of this

application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 19-0036.